5: Schwimmer E-4,5 (1966-1967) 1973
OJ23 Orokaiva OJ23
Mountain Orokaiva

TABLE II/11

HOHORITA MALE ADULTS IN SKILLED OCCUPATIONS

Occupation	*Resident*	*Non-Resident*	*Total*
Teacher	9	1	10
'Medical'	3	–	3
Driver	2	2	4
Shopkeeper	4	–	4
Other	2	2	4
Total	20	5	25

the Australian rulers, although they also know that so far the difference is not great.

Finally, broadcasting services and the messages transmitted by councillors have greatly increased their knowledge of the outside world. Through their transistor radios, they become aware of, and discuss, the affairs of the independent nations of Asia and Africa. They are thus beginning to feel part of the modern world.

5. *Field Locations*

I spent one year in the Northern District, travelling through it a good deal. My detailed data come mainly from three villages which I shall now describe briefly.[13]

Inonda. This was the first village I visited; I stayed there for eighteen days, returning later for a few brief periods. The village was previously reported on by Crocombe and Hogbin, Krinks and Waddell. It lies eleven miles from Popondetta, on the road to Oro Bay, has seven dwelling houses and a population of forty-two. At the time of my visit, there was only one politically significant clan represented in the village, namely Andiriha, who had been driven from the foothills of Mount Lamington by the Sangara tribe some fifty years earlier. Inonda, like other Orokaiva villages, was laid out in an elongated rectangle, with the dwellings spaced at equal distances. Neat rows of palms, shrubs and floral borders interspersed with trees subdivided the central area between the houses so as to give each family a semi-private space. The village had an Anglican chapel, made out of a corrugated-iron storage shed, where a lay preacher gave services. There was also a corrugated-iron copra-drying plant, no longer in use. Just behind the village was a slab of concrete laid down by the army during the war, and now being utilised as the floor of a women's club house that was being built at the time.

Unlike the other villages I visited, Inonda is only partly Christianised, four of the households being pagan. Coffee gardens have been established only by the Christian families and the women's club, which is one of a number organised by the government for social development purposes, and is supported exclusively by the same families. Inonda was also unusual, at least in my experience, in having one leading family in control of virtually all forms of community organisation.

5: Schwimmer E-4,5 (1966-1967) 1973
OJ23 Orokaiva OJ23
Mountain Orokaiva

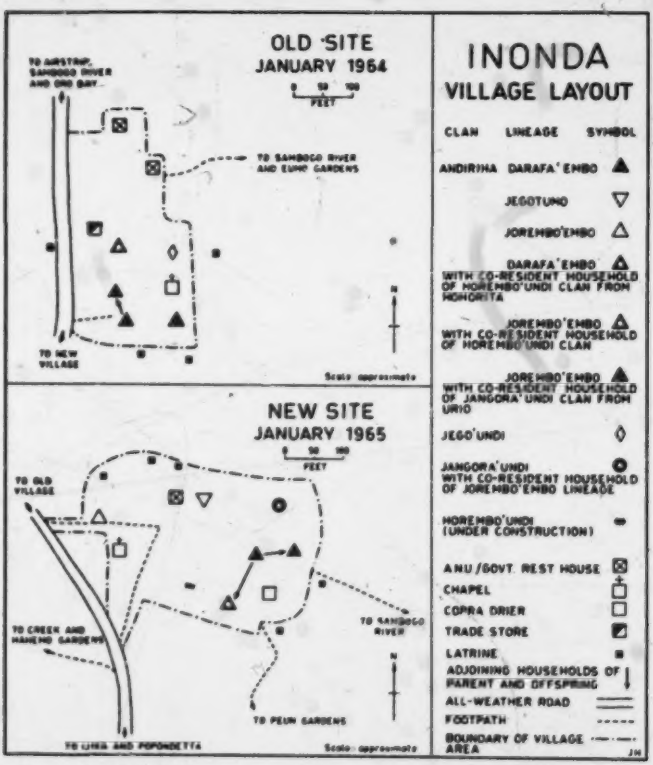

Fig. 4. Inonda village layout.

The leader, a government driver, earned about 65 per cent of the total cash income of the whole village, not only in wages but also through various enterprises on the side. He was the lay preacher as well. The only limit to his influence was the unwillingness of the pagan faction to become involved in 'modern' activities of which he was the champion.

Ecologically, Inonda is characteristic of the alluvial plains region to the east of the mountain. It lies between 200 and 300 feet above sea level, and has a comparatively low rain-fall and long dry periods. Its population density is low: 42 people on a village domain of 2850 acres (less than 10 per square mile). The best Inonda land is 580 acres of coarse-textured recent riverine deposits, covered with forest or regrowth and lying beside the Sambogo and Girua rivers.

5: Schwimmer E-4,5 (1966-1967) 1973
OJ23 Orokaiva OJ23
Mountain Orokaiva

Hohorita. My stay in Hohorita lasted for a month, and I made several return visits. This village lies thirteen miles from Popondetta on the road to Saiho, has forty-one dwelling houses and a population of 358. Hohorita and three contiguous hamlets are the home of the Sangara who survived the Mount Lamington disaster. The Sangara population was reduced by the eruption from some 3,000 to 195 people, who stayed together in the evacuation camp and later founded Hohorita, where the remnants of about a dozen clans may be found. By far the strongest clans in this village are those whose homes, at the time of the eruption, were at the outer edge of the devastation area and who were able to run away from the *nuée ardente* before the searing blast could reach them.

Hohorita, though built much earlier than Inonda (1957), was not beautified with the same care. The area between the two rows of houses was bare, except for some coconut and betelnut palms. The village was divided into two rectangles by a short row of houses. The front and back part were settled at different times and different clans were dominant. When I was working in the front half I would meet hardly anyone from the back half and vice versa. A feast house had been built in both the front and the back sections of the village. The feasts had been held just a few weeks before my arrival, to entertain neighbouring villages. Originally a combined feast had been planned, but disagreement had prevented it. There was no chapel in the village, but a mission station just next to it, with a white mission teacher, a mission school and several Papuan teachers who were in charge of church services. This was a contrast with Inonda, which was several miles removed from a school and even further from a mission. There was a woman's club with a small club house, but again this was supported by only a small minority.

Hohorita was entirely Christianised, in the sense that everyone had been baptised. A number of the older men had been educated in a mission station prior to the eruption and had become mission teachers while evacuated. When coffee became a lucrative cash crop – more lucrative than teaching – many of them had retired to the village. As a result the leadership pattern differed sharply from Inonda. About twenty men in Hohorita had held down occupations requiring some European skills, and these men tended to work out together the everyday and long-range decisions required in the village. The leading personality was, at that time, a well-educated man, who for years had been the chairman of the Higaturu Local Government Council. In Hohorita virtually everyone was growing coffee. Some men worked in the plantations nearby.

Ecologically, Inonda is characteristic of the alluvial plains region to the east Lamington foothills. Before the eruption, the concentration of population was entirely on the higher reaches of the tribal domain as rainfall and fertility are higher there. The lower portion of the territory, away from the mountain, was used for hunting. But the government discouraged reoccupation of the higher land, for fear of further eruptions. Hohorita is lower down than the old villages. The more elevated land is used a little less than before, and often for coffee rather than subsistence crops. The topsoil is volcanic loam; the rainfall is probably between 120 and 150 inches per annum. Population density is 135 per sq. mile. This is a little less than is usual on the Mount Lamington foothills, but prior to the eruption the population must have been very dense indeed.

Sivepe. I stayed in Sivepe for about nine months, from September 1966

5: Schwimmer E-4,5 (1966-1967) 1973
OJ23 Orokaiva OJ23
Mountain Orokaiva

101 until June 1967. Previous intensive studies had been made there by Rimoldi and Waddell. Sivepe is twenty-four miles from Popondetta, but this distance
105 represents a drive of two to four hours in a Landrover, according to the time of year. The village lies on a side road, serving a population of some 2,000 living in the valley of the Sasembata (or Hembe) and Sohu rivers, two tributaries of the Kumusi. This side road runs from the main road in a south-easterly direction as far as Kendata. The Sasembata-Sohu valley combines all the most favourable ecological conditions: heavy rainfall, deep volcanic loam, excellent drainage, easy contours. The first time I drove to Sivepe was during the dry season. Turning from the main road, I found myself on a slightly improved grass track, with villages built right across it, the sweet aroma of coffee trees (which, incidentally is strongly disliked by the Orokaiva) pervading the atmosphere, lush vegetation, and a life-style on which the Europeans had apparently made much less impact.

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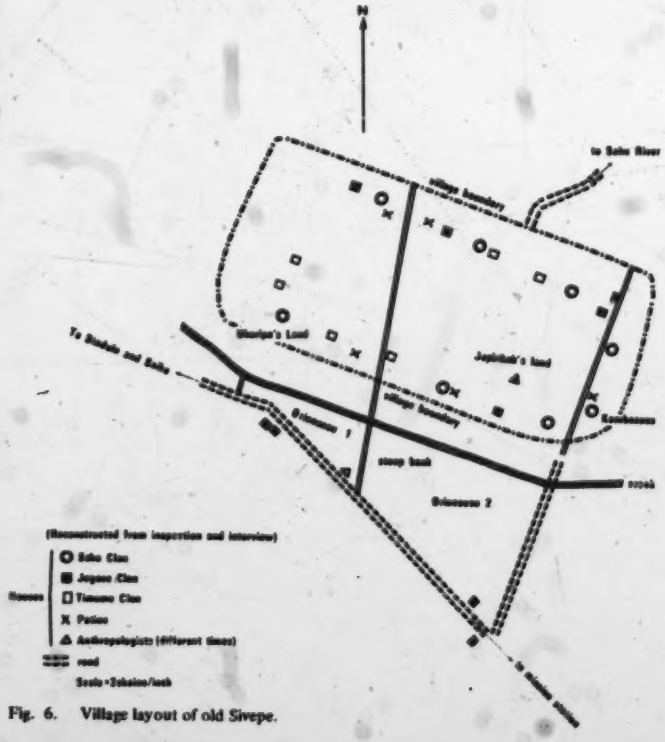

Fig. 6. Village layout of old Sivepe.

S: Schwimmer E-4,5 (1966-1967) 1973
OJ23 Orokaiva OJ23
Mountain Orokaiva

Sivepe has twenty-four dwelling houses and a population of 137. The two politically dominant clans are Jegase and Seho, but some families from the Sorovi clan had not long ago migrated to Sivepe from a neighbouring village (Garombi). Sivepe had been shifted recently to the present site so that decorative borders were not yet established, though such improvements were started during my stay. It was planned that the village would be rectangular in shape, with two long facing rows, as in Hohorita and Inonda, but a third row, supposedly temporary, had been established on the hill behind the planned site. In other respects, however, the same standard of village layout had been followed. The houses were roomier than in the other villages and had walls of horizontally laid shingles, an innovation of which the villagers were rather proud. 105

Sivepe has no chapel, but the Anglican mission station is less than a quarter of a mile away from the village. The school conducted on the station is one of the best in the Northern District; it teaches up to grade six and many of its students qualify for admission to secondary schools. The station also maintains a small field hospital, with a Papuan assistant medical officer in charge. For more serious cases the large government hospital at Saiho was used, a facility serving the whole of the Northern District, but in practice out of reach of distant villages like Inonda. Hohorita people, however, use it frequently.

Sivepe has been Christianised only very recently. There were no baptisms until after the eruption and the Seho clan did not join the Church until about 1963. Today very few pagans are left and they do not form a political or other faction. Leadership is shared between several strong personalities. Sivepe lacks residents who stand out by superior wealth or European education, but is rather more homogeneous in that respect than either of the two other villages. Money comes mainly from coffee and from remittances sent by relatives working outside the village.

Sivepe, like most of the Sasembata-Sohu valley, has an extremely dense population – about 180 per sq. mile. 161

REFERENCES

1 Brookfield uses the Klingebiel and Montgomery (1961) classification of land which distinguishes land areas by the degree of limitation to land use imposed by geographical conditions. Limitations may be due to terrain, lithology, soil, or climate. A large territory surrounding Mount Lamington falls in classes I to III (which means it is suitable for cultivation with a mild degree of limitation), as contrasted with most of the rest of New Guinea, where the limitations are much greater. 133 134

2 Figs. 1 and 2 give a general impression of the geography of the district: land systems, natural features, settlements roads, tribal areas, etc. Table II/1 shows the distribution of population in the Northern District of Papua. Table II/2 shows the age breakdown of the population in Sivepe and Inonda. Table II/10 shows rather strikingly how suddenly labour migration began: the men of the Seho clan of Sivepe were just a little too old to have been involved, but the Jegase clan, whose members were slightly younger, mostly spent some time on jobs outside the village before or shortly after marriage. 167 164 162

3 Orokaiva: *ina*; botanical: *sacharum edule*. 262

Introduction

121 The New Guinea Research Unit of the School of Pacific Studies of the Australian National University invited the author to evaluate the cognitive ability of groups of subjects who were being studied as part of a larger project. These were the Orokaiva people of the Northern District of Papua. Other related studies in the area had been or were being carried out at Inonda (Crocombe and Hogbin 1963), Gona (Dakeyne 1965), Sivepa and Borugasusu (Rimoldi 1966a, b), Ongoho (Crocombe 1964), the ex-servicemen's settlement scheme (Cheetham 1963) and in expatriate plantations (Howlett 1965).

131 The Orokaiva live on the Popondetta plain and in the Mt Lamington
197 foothills, and share mutually understandable languages. They have been described by Crocombe (1963) as follows:

105 The Orokaiva people number roughly 26,000 and are divided
[161] into about twelve tribes. The tribes are very loose units
[619] and recognise no single leader and before European contact,
warfare within the tribe was not uncommon. ...there are no
[423] land rights at a tribal level. Each tribe is divided into
a number of named clans. A clan is seldom localised, and
[614] usually it is divided into a number of sub-clans which are
dispersed over various parts of the tribal territory. Each
sub-clan holds rights over a specific area or areas of land.

177 There has been European contact of some form over a long period.
795 The people are perhaps best known by the work of Williams (1928 and 1930) in which he describes the earlier cult movements and the attempts to master and control new contact situations. Two of these were the cult of the Baigona men and the Taro cult. The former was concerned with healing and sorcery through a type of priest who was in communication with the spirits of the dead and now resident in various reptiles, particularly the snake. The latter was evidenced in sorcery through a priest who was possessed with the spirit of the Taro. Violent dancing or ecstatic movements often accompanied by a trance were not unlike the dance of St Vitus or St John which swept Europe in the fourteenth century (Sargant 1957).

648 The initial Japanese occupation of Papua took place in the
197 Northern District as the Japanese marched towards Port Moresby via

GLOSSARY

aguma--old warrior (p.177)
ahihi--spirit, soul (p.93)
dema--demigods (p.62)
di--headdress (p.26)
dorobu--bridewealth payments (p.210)
enda mama--head of extended family, charged with looking after their garden plots (p.96)
epe--mother's brother (p.179)
hae--plant emblem (p.176)
hambo--ornaments (p.26)
ivo--special power (p.144)
javo wahai--clan (p.196)
otohu--ornament ceremonially conferred upon a person (p.175)
pondo kiavi embo--feast leader (p.54)
pure--garden (p.91)
sovai--ghosts (p.139)

GLOSSARY

araha -- center area of a village (p. 136)
bande -- house (p. 135)
bende -- "side" of a village (p. 136)
da -- village (p. 135)